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FED EX NO. 7759 2526 9997

August 9, 2019

Technical Management Section  
South Carolina Department of Health and Environmental Control  
Bureau of Air Quality  
2600 Bull Street  
Columbia, SC 29201-1708

Re: 2019 Second Quarter CEMS Report Summaries – Revision 2019-08-09  
New-Indy Catawba LLC - Catawba, South Carolina  
Air Permit Number TV-2440-0005

Technical Management Section:

Please see enclosed a revised 2019 Second Quarter Continuous Emission Monitor Report Summaries and Title V monitoring report for New-Indy Catawba LLC, Air Permit Number TV-2440-0005 (effective date: October 1, 2008) as requested by SCDHEC on 8/7/2019. The logs submitted with the report on 7/25/2019 have not changed; therefore, only the CEMS report Summary is included.

Based on information and belief formed after reasonable inquiry, I certify to the best of my knowledge, that the statements and information in this submission are true, accurate, and complete.

If there are any questions, please feel free to contact Mike Swanson at (803) 981-8010 or [mike.swanson@new-indycb.com](mailto:mike.swanson@new-indycb.com).

Sincerely,

Charles Cleveland  
Technical Services Manager

Enclosures (CEMS Logs)

cc: Alex Latta, Midlands EA Lancaster  
EPA Region 4  
Environmental File 208.21

**New-Indy Catawba LLC  
2019 Second Quarter CEM Report Summaries**

**Title V Permit Unit ID 01 – Woodyard**

<b>Condition</b>	<b>Equip ID</b>	<b>Reporting Required?</b>	<b>Reporting Frequency</b>	<b>Comment</b>
01.1	1300	N/A	N/A	Refers to FW.4.
01.2	1300	N/A	N/A	Refers to FW.4.
01.3	1300	No	N/A	N/A
01.4	1300	N/A	N/A	Refers to FW.1.

**Title V Permit ID 02 – Kraft Process – Kraft Pulp Mill**

<b>Condition</b>	<b>Equip ID</b>	<b>Reporting Required?</b>	<b>Reporting Frequency</b>	<b>Comment</b>
02.1	5210, 5220, 5230, 5240, and 5250	No	N/A	N/A
02.2(A)	5210 & 5230	Yes	Semi-annual	See below.
02.2(B)	5210 & 5230	N/A	N/A	Refers to 08.7.
02.3	5210, 5220, 5230, 5240, and 5250	N/A	N/A	Refers to MACT conditions.
02.4	5210, 5220, 5230, 5240, and 5250	N/A	N/A	Refers to FW.1.

**Condition 02.2(A)**

**Equip IDs 5210 and 5230**

**Reporting Frequency: Semi-Annually**

There were no parameters outside the ranges listed in Attachment H for the scrubber (Control Device ID 5260C) during the semi-annual period.

**Title V Permit ID 03 – Kraft Process: Kraft Bleach Plant**

<b>Condition</b>	<b>Equip ID</b>	<b>Reporting Required?</b>	<b>Reporting Frequency</b>	<b>Comment</b>
03.1	5300	Yes	Semi-annual	See below.
03.2	5300	N/A	N/A	Refers to MACT conditions.
03.3	5300	N/A	N/A	Refers to FW.1.

**New-Indy Catawba LLC**  
**2019 Second Quarter CEM Report Summaries**

**Condition 03.1**

**Equip ID 5300**

**Reporting Frequency: Semi-Annually**

For the purposes of using this report as a cross reference when completing DHEC annual reporting form 3650, the following information is being included with this report pursuant to DHEC form 3650:

- The specific permit condition for which exceptions are being noted is 5.C.03.1.
- Exceptions descriptions are detailed on the enclosed logs along with dates and times.
- The basis for compliance determinations is continuous monitoring of specific scrubber parameters.
- Cause(s) and corrective action(s) are detailed on the enclosed logs.

There were no incidents during which a parameter was outside the maximum rate during the reporting period. See the enclosed log for details.

**Title V Permit ID 04 – Kraft Process: Chlorine Dioxide Generator**

Condition	Equip ID	Reporting Required?	Reporting Frequency	Comment
04.1	1790	Yes	Semi-annual	See below.
04.2	1790	No	N/A	N/A

**Condition 04.1**

**Equip ID 1790**

**Reporting Frequency: Semi-Annually**

There were no incidents in which a surrogate monitoring parameter was outside the range for the chlorine dioxide scrubber (Control Device ID 1790C) and no incidents of monitor downtime during the semi-annual reporting period. See the enclosed log for details.

**Title V Permit ID 05 – TMP Process**

Condition	Equip ID	Reporting Required?	Reporting Frequency	Comment
05.1	4400	No	N/A	N/A
05.2	4400	No	N/A	N/A

**New-Indy Catawba LLC**  
**2019 Second Quarter CEM Report Summaries**

**Title V Permit ID 06 – Paper Mill**

<b>Condition</b>	<b>Equip ID</b>	<b>Reporting Required?</b>	<b>Reporting Frequency</b>	<b>Comment</b>
06.1(A)	2000, 2005, 4100, 4110, 4600, 4605, 9700, 9701A, 9701B, 9702, 9703, & 9704	N/A	N/A	Refers to FW.4
06.1(B)	2000, 2005, 4100, 4110, 4600, 4605, 9700, 9701A, 9701B, 9702, 9703, & 9704	Yes	Semi-annual	See below.
06.2(A)	2010, 4610, 4120, 4130, & 9900	No	N/A	N/A
06.2(B)	4120 & 4130	N/A	N/A	Refers to FW.4
06.3(A)	2010	No	N/A	N/A
06.3(B)	4120 & 4130	Yes	Semi-annual	See below.
06.3(C)	4610	Yes	Semi-annual	See below.
06.3(D)	9900	Yes	Semi-annual	See below.
06.4	4110	Yes	Semi-annual	See below.
06.5(A)	2010	No	N/A	N/A
06.5(B)	4120 & 4130	Yes	Semi-annual	See below.
06.5(C)	4610	Yes	Semi-annual	See below.
06.5(D)	9900	Yes	Semi-annual	See below.
06.6(A)	4610	Yes	Semi-annual	See below.
06.6(B)	9900	Yes	Semi-annual	See below.
06.7	4110	No	N/A	N/A
06.8	2010	No	N/A	N/A
06.9	2000, 2010, 2100, 4600, 4610, 4100, 4110, 4120, & 4130	N/A	N/A	Refers to FW.1.
06.10	2005, 2010, 4605, & 4610	N/A	N/A	Refers to MACT conditions.

**Condition 06.1(B)**

**Equip IDs 2000, 2005, 4100, 4110, 4600, 4605, 9700, 9701A, 9701B, 9702, 9703, & 9704**

**Reporting Frequency: Semi-Annually**

During the reporting period, no abnormal dust emissions were noted on daily inspection reports during the semi-annual period.

**New-Indy Catawba LLC**  
**2019 Second Quarter CEM Report Summaries**

**Condition 06.2(B)**

**Equip IDs 4120 & 4130**

**Reporting Frequency: Semi-Annually**

Kerosene was not utilized in the Hot Oil Heating System (4130); therefore, no visual inspections were performed during the reporting period. The Infrared Dryer (4120) was removed from service at the end of May 2013.

**Condition 06.3(B)**

**Equip IDs 4120 & 4130**

**Reporting Frequency: Semi-Annually**

The Infrared Dryer (4120) was removed from service at the end of May 2013. Monthly fuel usages of natural gas, kerosene, and propane for the Hot Oil Heating System (4130):

Month	Natural Gas (MMBtu)	Propane (gallons)	Kerosene (gallons)	12-month Rolling Sum NG (MMBtu)	12-month Rolling Sum Propane (Gallons)	12-month Rolling Sum Kerosene (Gallons)
January-18	4,014	0	0	46,841	0	0
February-18	4,050	0	0	46,665	0	0
March-18	4,629	0	0	47,368	0	0
April-18	4,039	0	0	48,020	0	0
May-18	3,466	0	0	48,143	0	0
June-18	4,269	0	0	49,758	0	0
July-18	4,790	0	0	50,239	0	0
August-18	4,330	0	0	50,364	0	0
September-18	4,395	0	0	50,771	0	0
October-18	4,381	0	0	50,700	0	0
November-18	4,340	0	0	50,790	0	0
December-18	4,757	0	0	51,459	0	0
January-19	3,816	0	0	51,261	0	0
February-19	2,914	0	0	50,125	0	0
March-19	3,884	0	0	49,379	0	0
April-19	4,539	0	0	49,879	0	0
May-19	3,092	0	0	49,505	0	0
June-19	1,286	0	0	46,522	0	0

**New-Indy Catawba LLC**  
**2019 Second Quarter CEM Report Summaries**

**Condition 06.3(C)**

**Equip ID 4610**

**Reporting Frequency: Semi-Annually**

Monthly fuel usages of kerosene and propane for the No. 2 Coater Dryer (4610) (idled in June 2017) are shown below:

**No. 2 Paper Machine Coater Fuel Usage**

Month	Kerosene (gallons)	12-Month Sum	Propane (gallons)	12-Month Sum
January-18	0	0	0	0
February-18	0	0	0	0
March-18	0	0	0	0
April-18	0	0	0	0
May-18	0	0	0	0
June-18	0	0	0	0
July-18	0	0	0	0
August-18	0	0	0	0
September-18	0	0	0	0
October-18	0	0	0	0
November-18	0	0	0	0
December-18	0	0	0	0
January-19	0	0	0	0
February-19	0	0	0	0
March-19	0	0	0	0
April-19	0	0	0	0
May-19	0	0	0	0
June-19	0	0	0	0

**Condition 06.3(D)**

**Equip ID 9900**

**Reporting Frequency: Semi-Annually**

Monthly fuel usages of natural gas and propane for the Paper Machine Make-Up Air Units (4610) are shown below:

**Air Makeup Units**

Month	Natural Gas (scf)	12-Month Sum	Propane (gallons)	12-Month Sum
January-18	14,363,759	57,750,887	0	0
February-18	14,411,657	68,503,817	0	0
March-18	15,982,631	80,055,154	0	0
April-18	14,511,762	91,268,834	0	0
May-18	40,387	87,198,341	0	0
June-18	507,750	86,223,968	0	0
July-18	457	86,224,424	0	0
August-18	167	86,224,471	0	0
September-18	104	86,224,469	0	0

**New-Indy Catawba LLC**  
**2019 Second Quarter CEM Report Summaries**

October-18	52	86,224,449	0	0
November-18	1	73,764,726	0	0
December-18	1	59,818,729	0	0
January-19	0	45,454,970	0	0
February-19	102	31,043,416	0	0
March-19	87	15,060,872	0	0
April-19	46	549,155	0	0
May-19	23	508,791	0	0
June-19	27	1,067	0	0

**Condition 06.4**

**Equip ID 4110**

**Reporting Frequency: Semi-Annually**

Monthly fuel usages of natural gas, kerosene, and propane for the Air Floatation Dryer (4110) are shown below:

**No. 3 Paper Machine**  
**Floataion Dryer Fuel Usage**  
**ID 4110**

Month	Natural Gas (MMBtu)	Propane (gallons)	Kerosene (gallons)	PM/MMBtu
January-18	7,074	0	0	0.0076
February-18	7,138	0	0	0.0076
March-18	8,159	0	0	0.0076
April-18	7,118	0	0	0.0076
May-18	6,108	0	0	0.0076
June-18	7,523	0	0	0.0076
July-18	8,442	0	0	0.0076
August-18	7,631	0	0	0.0076
September-18	7,745	0	0	0.0076
October-18	7,721	0	0	0.0076
November-18	7,648	0	0	0.0076
December-18	8,384	0	0	0.0076
January-19	6,726	0	0	0.0076
February-19	5,135	0	0	0.0076
March-19	6,844	0	0	0.0076
April-19	7,999	0	0	0.0076
May-19	5,449	0	0	0.0076
June-19	2,266	0	0	0.0076

The Air Floataion Dryer demonstrated compliance with the BACT limit of 0.0164 lb PM per million BTU.

**New-Indy Catawba LLC**  
**2019 Second Quarter CEM Report Summaries**

**Condition 06.5(B)**

**Equip IDs 4120 & 4130**

**Reporting Frequency: Semi-Annually**

Monthly fuel usages of natural gas, kerosene, and propane for the Hot Oil Heating System (4130) are shown for condition 5C.06.3(B) above. The Infrared Dryer (4120) was removed from service at the end of May 2013.

**Condition 06.5(C)**

**Equip ID 4610**

**Reporting Frequency: Semi-Annually**

Monthly fuel usages of natural gas, kerosene, and propane for the No. 2 Coater Dryer (4610) are shown for condition 5C.06.3(C) above.

**Condition 06.5(D)**

**Equip ID 9900**

**Reporting Frequency: Semi-Annually**

Monthly fuel usages of natural gas and propane for the Paper Machine Make Up Air Units (4610) are shown for condition 5C.06.3(D) above.

**Condition 06.6(A)**

**Equip ID 4610**

**Reporting Frequency: Semi-Annually**

Monthly fuel usages of natural gas, kerosene, and propane for the No. 2 Coater Dryer (4610) are shown for condition 5C.06.3(C) above.

**Condition 06.6(B)**

**Equip ID 9900**

**Reporting Frequency: Semi-Annually**

Monthly fuel usages of natural gas and propane for the Paper Machine Make Up Air Units (4610) are shown for condition 5C.06.3(D) above.

**Title V Permit ID 07 – Chemical Recovery**

<b>Condition</b>	<b>Equip ID</b>	<b>Reporting Required?</b>	<b>Reporting Frequency</b>	<b>Comment</b>
07.1(A)	2400, 2402, 2500, 5100	No	N/A	N/A
07.1(B)	2515, 2520, 5115, 5120, 2700, 2701, 2702, & 2703	N/A	N/A	Refers to FW.4.
07.1(C)	2725C	No	N/A	N/A
07.2(A)	2505 & 2723	Yes	Semi-annual	See below.
07.2(B)	2511C	Yes	Semi-annual	See below.
07.3	5105	Yes	Semi-annual	See below.
07.4(A)	2505	N/A	N/A	Refers to MACT conditions.
07.4(B1)	2505	N/A	N/A	Refers to MACT conditions.
07.4(B2)	2505	No	N/A	N/A



**New-Indy Catawba LLC**  
**2019 Second Quarter CEM Report Summaries**

Condition	Equip ID	Reporting Required?	Reporting Frequency	Comment
07.5(A)	2510	N/A	N/A	Refers to MACT conditions.
07.5(B1)	2510	N/A	N/A	Refers to MACT conditions.
07.5(B2)	2510	No	N/A	N/A
07.6(A)	5105	N/A	N/A	Refers to MACT conditions.
07.6(B1)	5105	N/A	N/A	Refers to MACT conditions.
07.6(B2)	5105	No	N/A	N/A
07.6(C)	5105	N/A	N/A	Refers to FW.3.
07.7(A)	5110	N/A	N/A	Refers to MACT conditions.
07.7(B)	5110	N/A	N/A	Refers to MACT conditions.
07.8(A)	2723	N/A	N/A	Refers to MACT conditions.
07.8(B)	2723	N/A	N/A	Refers to MACT conditions.
07.8(C1)	2723	N/A	N/A	Refers to FW.2.
07.9(A)	2725C	No	N/A	N/A
07.9(B)	2726C & 2724C	No	N/A	N/A
07.9(C)	2724C, 2725C & 2726C	Yes	Semi-annual	See below.
07.10(A)	5105 & 2723	No	N/A	N/A
07.10(B)	2723	No	N/A	N/A
07.10(C)	5105	No	N/A	N/A
07.10(D1)	2723	N/A	N/A	Refers to FW.2.
07.10(D3)	5105	N/A	N/A	Refers to FW.3.
07.11(A)	5105 & 2723	No	N/A	N/A
07.11(B1)	2723	No	N/A	N/A
07.11(B2)	5105	No	N/A	N/A
07.11(C1)	2723	N/A	N/A	Refers to FW.2.
07.11(C3)	5105	N/A	N/A	Refers to FW.3.
07.12(A)	5105 & 2723	No	N/A	N/A
07.12(B)	5105 & 2723	Yes	Semi-annual	See below.
07.12(C1)	2723	N/A	N/A	Refers to FW.2.
07.12(C3)	5105	N/A	N/A	Refers to FW.3.
07.13(A)	5260C	N/A	N/A	Refers to 02.2.
07.13(B)	2400, 2500, 5100, & 5260	N/A	N/A	Refers to 08.7.
07.14	2505	Yes	Semi-annual	See below.
07.15	5105	Yes	Semi-annual	See below.
07.16(A)	2510	Yes	Semi-annual	See below.
07.16(B)	5110	Yes	Semi-annual	See below.
07.17(A)	2723	Yes	Semi-annual	See below.
07.17(B1)	2723	N/A	N/A	Refers to FW.2.
07.18(A1)	2723	N/A	N/A	Refers to FW.2.
07.19	2400, 2700, 2701, 2702, 5105, 5110, & 5115	N/A	N/A	Refers to FW.1.
07.20 & 0.7.21	2400, 2500, & 5100	N/A	N/A	Refer to MACT conditions.
07.22	2505, 2110, 2723, 5105, & 5110	N/A	N/A	Refer to MACT conditions.

**New-Indy Catawba LLC**  
**2019 Second Quarter CEM Report Summaries**

**Condition 07.2(A)**  
**Equip IDs 2505 & 2723**

**Reporting Frequency: Semi-Annually**

For the purposes of using this report as a cross reference when completing DHEC annual reporting Form 3650, the following information is being included with this report pursuant to DHEC Form 3650:

- The specific permit condition for which exceptions are being noted is 5C.07.2.
- Exceptions descriptions are detailed on the enclosed logs along with dates and times.
- The basis for compliance determinations is operation and recording of continuous opacity data and monitor downtime.
- Cause and corrective actions are detailed on the enclosed logs.

There were no three-hour opacity episodes for the No. 2 Lime Kiln (ID 2723) during the semi-annual reporting period.

There were no three-hour opacity episodes for the No. 2 Recovery Furnace (ID 2505) during the semi-annual reporting period.

A summary is listed below for the continuous opacity monitoring downtime and excess emissions for the reporting period.

**Continuous Opacity Monitoring – No. 2 Recovery Furnace**

	<b>1st Quarter</b>	<b>2nd Quarter</b>	<b>Semi-Annual Period</b>
<b>Monitor Downtime</b>	0.41 %	0.21 %	0.31 %
<b>Excess Emission</b>	0.22 %	0.00 %	0.11 %
<b>Overall Compliance</b>	99.37 %	99.79 %	99.57 %

**Continuous Opacity Monitoring – No. 2 Lime Kiln**

	<b>1st Quarter</b>	<b>2nd Quarter</b>	<b>Semi-Annual Period</b>
<b>Monitor Downtime</b>	0.23 %	0.00 %	0.12 %
<b>Excess Emission</b>	0.08 %	0.05 %	0.06 %
<b>Overall Compliance</b>	99.70 %	99.95 %	99.81 %

**New-Indy Catawba LLC**  
**2019 Second Quarter CEM Report Summaries**

**Condition 07.2(B)**

**Control Device ID 2511C**

**Reporting Frequency: Semi-Annually**

For the purposes of using this report as a cross reference when completing DHEC annual reporting Form 3650, the following information is being included with this report pursuant to DHEC Form 3650:

- The specific permit condition for which exceptions are being noted is 5C.07.2.
- Exceptions descriptions are detailed on the enclosed logs along with dates and times.
- The basis for compliance determinations is operation and recording of continuous opacity data and monitor downtime.
- Cause and corrective actions are detailed on the enclosed logs.

During the reporting period, there was one instance of deviation from the scrubber weak wash flow monitoring range. See the enclosed log for details.

**Condition 07.3**

**Equip ID 5105**

**Reporting Frequency: Semi-Annually**

For the purposes of using this report as a cross reference when completing DHEC annual reporting Form 3650, the following information is being included with this report pursuant to DHEC Form 3650:

- The specific permit condition for which exceptions are being noted is 5.C.07.3.
- Exceptions descriptions are detailed on the enclosed logs along with dates and times.
- The basis for compliance determinations is operation and recording of continuous opacity data and monitor downtime.
- Cause and corrective actions are detailed on the enclosed logs.

There were no three-hour opacity episodes during the semi-annual reporting period.

A summary is listed below for the continuous opacity monitoring downtime and excess emissions for the reporting period.

**Continuous Opacity Monitoring – No. 3 Recovery Furnace**

	<b>1st Quarter</b>	<b>2nd Quarter</b>	<b>Semi-Annual Period</b>
<b>Monitor Downtime</b>	0.15 %	0.04 %	0.10 %
<b>Excess Emission</b>	0.02 %	0.04 %	0.03 %
<b>Overall Compliance</b>	99.83 %	99.91%	99.87 %

**New-Indy Catawba LLC  
2019 Second Quarter CEM Report Summaries**

**Condition 07.9(C)**

**Control Device IDs 2724C, 2725C, & 2726C**

**Reporting Frequency: Semi-Annually**

For the Slaker Scrubber (ID 2725C), there were no variations of a surrogate monitoring parameter during the semi-annual period.

No abnormal dust emissions were noted on the daily logs for the lime silos baghouses (IDs 2724C and 2726C) during the semi-annual reporting period.

**Condition 07.12(B)**

**Equip IDs 2723 & 5105**

**Reporting Frequency: Semi-Annually**

The lime kiln modifications authorized by Construction Permit 2440-0005-DA have not occurred; therefore, the requirements of this condition applicable to the No. 2 Lime Kiln (ID 2723) are not yet applicable.

The required data is recorded for the No. 3 Recovery Furnace (ID 5105). A summary is listed below for the continuous emissions monitoring downtime and excess emissions for the reporting period. See the enclosed log for details.

**Continuous NOx Emissions Monitoring – No. 3 Recovery Furnace**

	<b>1st Quarter</b>	<b>2nd Quarter</b>	<b>Semi-Annual Period</b>
<b>Monitor Downtime</b>	0.97 %	0.38 %	0.69 %
<b>Excess Emission</b>	0.00 %	0.00 %	0.00 %
<b>Overall Compliance</b>	99.03 %	99.62 %	99.31 %

**New-Indy Catawba LLC**  
**2019 Second Quarter CEM Report Summaries**

**Condition 07.14**

**Equip ID 2505**

**Reporting Frequency: Semi-Annually**

For the purposes of using this report as a cross reference when completing DHEC annual reporting Form 3650, the following information is being included with this report pursuant to DHEC Form 3650:

- The specific permit condition for which exceptions are being noted is 5.C.07.14.
- Exceptions descriptions are detailed on the enclosed logs along with dates and times.
- The basis for compliance determinations is operation and recording of continuous TRS data and monitor downtime.
- Cause and corrective actions are detailed on the enclosed logs.

A summary is listed below for the continuous emissions monitoring downtime and excess emissions for the reporting period. See the enclosed log for details.

**Continuous TRS Emissions Monitoring – No. 2 Recovery Furnace**

	<b>1st Quarter</b>	<b>2nd Quarter</b>	<b>Semi-Annual Period</b>
<b>Monitor Downtime</b>	1.05 %	1.91 %	1.47 %
<b>Excess Emission</b>	0.00 %	0.00 %	0.00 %
<b>Overall Compliance</b>	98.95 %	98.09 %	98.53 %

**Condition 07.15**

**Equip ID 5105**

**Reporting Frequency: Semi-Annually**

For the purposes of using this report as a cross reference when completing DHEC annual reporting Form 3650, the following information is being included with this report pursuant to DHEC Form 3650:

- The specific permit condition for which exceptions are being noted is 5.C.07.15.
- Exceptions descriptions are detailed on the enclosed logs along with dates and times.
- The basis for compliance determinations is operation and recording of continuous TRS data and monitor downtime.
- Cause and corrective actions are detailed on the enclosed logs.

A summary is listed below for the continuous emissions monitoring downtime and excess emissions for the reporting period. See the enclosed log for details.

**Continuous TRS Emissions Monitoring – No. 3 Recovery Furnace**

	<b>1st Quarter</b>	<b>2nd Quarter</b>	<b>Semi-Annual Period</b>
<b>Monitor Downtime</b>	0.97 %	0.38 %	0.69 %
<b>Excess Emission</b>	0.61 %	0.00 %	0.32 %
<b>Overall Compliance</b>	98.42 %	99.62 %	98.99 %

**New-Indy Catawba LLC**  
**2019 Second Quarter CEM Report Summaries**

**Condition 07.16(A)**  
**Equip ID 2510**

**Reporting Frequency: Semi-Annually**

For the purposes of using this report as a cross reference when completing DHEC annual reporting Form 3650, the following information is being included with this report pursuant to DHEC Form 3650:

- The specific permit condition for which exceptions are being noted is 5.C.07.16.
- Exceptions descriptions are detailed on the enclosed logs along with dates and times.
- The basis for compliance determinations is operation within surrogate monitoring parameters
- Cause and corrective actions are detailed on the enclosed logs.

During the reporting period, there was one instance of deviation from the scrubber weak wash flow monitoring range. See the enclosed log for details.

**Condition 07.16(B)**  
**Equip ID 5110**

**Reporting Frequency: Semi-Annually**

For the purposes of using this report as a cross reference when completing DHEC annual reporting Form 3650, the following information is being included with this report pursuant to DHEC Form 3650:

- The specific permit condition for which exceptions are being noted is 5.C.07.16.
- Exceptions descriptions are detailed on the enclosed logs along with dates and times.
- The basis for compliance determinations is operation within surrogate monitoring parameters.
- Cause and corrective actions are detailed on the enclosed logs.

During the reporting period, there was one instance of deviation from the scrubber weak wash flow monitoring range. See the enclosed log for details.

**Condition 07.17(A)**  
**Equip ID 2723**

**Reporting Frequency: Semi-Annually**

For the purposes of using this report as a cross reference when completing DHEC annual reporting Form 3650, the following information is being included with this report pursuant to DHEC Form 3650:

- The specific permit condition for which exceptions are being noted is 5.C.07.17.
- Exceptions descriptions are detailed on the enclosed logs along with dates and times.
- The basis for compliance determinations is operation and recording of continuous TRS data and monitor downtime.
- Cause and corrective actions are detailed on the enclosed logs.

A summary is listed below for the continuous emissions monitoring downtime and excess emissions for the reporting period.

**New-Indy Catawba LLC  
2019 Second Quarter CEM Report Summaries**

**Continuous TRS Emissions Monitoring – No. 2 Lime Kiln**

	1st Quarter	2nd Quarter	Semi-Annual Period
<b>Monitor Downtime</b>	1.30 %	0.28 %	0.83 %
<b>Excess Emission</b>	0.00 %	0.00 %	0.00 %
<b>Overall Compliance</b>	98.70 %	99.72 %	99.17 %

**Condition 07.18(A1)**

**Equip ID 2723**

**Reporting Frequency: Semi-Annually**

The lime kiln modifications authorized by Construction Permit 2440-0005-DA have not occurred; therefore, the requirements of this condition applicable to the No. 2 Lime Kiln (ID 2723) are not yet applicable. If/when the modifications occur, Facility-Wide condition FW.2 will apply.

**Title V Permit ID 08 – Utilities**

Condition	Equip ID	Reporting Required?	Reporting Frequency	Comment
08.1(A)	2550	N/A	N/A	Refers to FW.4.
08.1(B)	2605 & 3705	Yes	Quarterly	See below.
08.2(A)	2550	N/A	N/A	Refers to FW.4.
08.2(B1)	2605 & 3705	Yes	Semi-annual	See below.
08.2(B2)	2605 & 3705	No	N/A	N/A
08.2(C)	2605 & 3705	No	N/A	N/A
08.3(A)	2550	No	N/A	N/A
08.3(B)	2605 & 3705	No	N/A	N/A
08.5	2605 & 3705	Yes	Annual	Submitted under separate cover.
08.6	2605 & 3705	Yes	Semi-annual	See below.
08.7	2605, 3705, 5260, 5270, & 9820	Yes	Semi-annual	See below.
08.8	2605, 3705, 5260, 5270, & 9820	N/A	N/A	Refers to MACT conditions.

**Condition 08.1(B)**

**Equip IDs 2605 & 3705**

**Reporting Frequency: Quarterly**

For the purposes of using this report as a cross reference when completing DHEC annual reporting form 3650, the following information is being included with this report pursuant to DHEC form 3650:

- The specific permit condition for which exceptions are being noted is 5.C.08.1.
- Exceptions descriptions are detailed on the enclosed logs along with dates and times.
- The basis for compliance determinations is operation and recording of continuous opacity data and monitor downtime.
- Cause and corrective actions are detailed on the enclosed logs.

**New-Indy Catawba LLC**  
**2019 Second Quarter CEM Report Summaries**

A summary is listed below for the continuous opacity monitoring monitor downtime and excess emissions for the quarter. There were several incidents of precipitator bypasses during the second quarter detailed on the attached report logs.

**Continuous Opacity Monitoring**

	<b>No. 1 Combination Boiler (ID 2605)</b>	<b>No. 2 Combination Boiler (ID 3705)</b>
<b>Monitor Downtime</b>	3.76 %	0.88 %
<b>Excess Emissions</b>	0.01 %	0.07 %
<b>Overall Compliance</b>	96.23%	99.05 %
<b>Precipitator Bypass</b>	4241 minutes	735 minutes

There were no periods of 3-hour opacity episodes during the quarter for either boiler.

**Condition 08.2(B1)**

**Equip IDs 2605 & 3705**

**Reporting Frequency: Semi-Annually**

For the purposes of using this report as a cross reference when completing DHEC annual reporting form 3650, the following information is being included with this report pursuant to DHEC form 3650:

- The specific permit condition for which exceptions are being noted is 5.C.08.2.
- Exceptions descriptions are detailed on the enclosed logs along with dates and times.
- The basis for compliance determinations is operation and recording of continuous opacity data and monitor downtime.
- Cause and corrective actions are detailed on the enclosed logs.

A summary is listed below for the continuous opacity monitoring monitor downtime and excess emissions for the semi-annual reporting period. The precipitator bypass minutes are also listed below.

**Continuous Opacity Monitoring**

	<b>No. 1 Combination Boiler (ID 2605)</b>	<b>No. 2 Combination Boiler (ID 3705)</b>
<b>Monitor Downtime</b>	4.31 %	1.70 %
<b>Excess Emissions</b>	0.03 %	0.16 %
<b>Overall Compliance</b>	95.66 %	98.14 %
<b>Precipitator Bypass</b>	9732 minutes	1940 minutes



**New-Indy Catawba LLC**  
**2019 Second Quarter CEM Report Summaries**

**Condition 08.5**

**Equip IDs 2605 & 3705**

**Reporting Frequency: Semi-Annually**

The most recent annual Spec Oil certification was dated 11/19/2018. A requested resubmission of this annual certification was dated 1/30/2019.

**Condition 08.6**

**Equip IDs 2605 & 3705**

**Reporting Frequency: Semi-Annually**

Tire-derived fuel (TDF) rate records for the semi-annual reporting period indicate that there were no rates above the 1.5-TPH limit.

**Condition 08.7**

**Equip IDs 2605, 3705, 5260, 5270, & 9820**

**Reporting Frequency: Semi-Annually**

For the purposes of using this report as a cross reference when completing DHEC annual reporting Form 3650, the following information is being included with this report pursuant to DHEC Form 3650:

- The specific permit condition for which exceptions are being noted is 5.C.08.7.
- Exceptions descriptions are detailed on the enclosed logs along with dates and times.
- The basis for compliance determinations is positive operation of flame failure system and vent valve position.
- Cause and corrective actions are detailed on the enclosed logs.

During the semi-annual period, there were 19 vents of the low volume high concentration (LVHC) gas system, and 7 vents of the high volume low concentration (HVLC) gas system, due to a variety of causes.

Note: Reports required under 40 CFR Part 60 Subpart S and General Provisions are being submitted separately to the Air Toxics Group. A copy is attached to this report for your review.

**Title V Permit ID 09 – Waste Treatment**

<b>Condition</b>	<b>Equip ID</b>	<b>Reporting Required?</b>	<b>Reporting Frequency</b>	<b>Comment</b>
09.1(A)	9800 & 9801	No	N/A	N/A
09.1(B)	2902 through 2905	N/A	N/A	Refers to FW.4.
09.2	2902 through 2905	N/A	N/A	Refers to FW.4.
09.3	2903	Yes	Semi-annual	See below.
09.4	9801	N/A	N/A	Refers to 08.7.
09.5	9801	N/A	N/A	Refers to MACT conditions.

**New-Indy Catawba LLC**  
**2019 Second Quarter CEM Report Summaries**

**Condition 09.3**

**Equip ID 2903**

**Reporting Frequency: Semi-Annually**

Monthly records indicate the No. 1 Holding Basin Pump No. 2 did not operate more than 7000 hours per year.

**Title V Permit ID 10 – Storage Tanks**

Condition	Equip ID	Reporting Required?	Reporting Frequency	Comment
10.1	1100	No	N/A	N/A
10.2	1100	No	N/A	N/A

**Title V Permit ID 11 – Miscellaneous**

Condition	Equip ID	Reporting Required?	Reporting Frequency	Comment
11.1	2900 & 1000	N/A	N/A	Refer to FW.4.

**Facility Wide Conditions**

Condition	Equip ID	Reporting Required?	Reporting Frequency	Comment
FW.1	All	No	N/A	N/A
FW.2	2723	Yes	Semi-annual	See below.
FW.3	2723 & 5105	No	N/A	N/A
FW.4	1300, 2000, 2005, 4600, 4605, 4100, 4110, 9700, 9701A, 9701B, 9702, 9703, 9704, 2000, 4610, 4120, 4130, 9900, 2515, 2520, 5115, 5120, 2700, 2701, 2702, 2703, 2550, 2902, 2903, 2904, 2905, 2900, & 1100	Yes	Semi-annual	See below.
FW.5(A1)	5210, 5240, 2400, 5100, 5260, 5260C, 2605, 3705	Yes	Semi-annual	See below.
FW.5(A2)	5210, 5240, 2400, 5100, 5260, 5260C, 2605, 3705	Yes	Semi-annual	See below.
FW.5(B)	5210, 5240, 2400, 5100, 5260, 5260C, 2605, 3705	No	N/A	N/A

**New-Indy Catawba LLC**  
**2019 Second Quarter CEM Report Summaries**

Condition	Equip ID	Reporting Required?	Reporting Frequency	Comment
FW.5(C)	5210, 5240, 2400, 5100, 5260, 5260C, 2605, 3705	Yes	Semi-annual	See below.
FW.6	5210, 5240, 2400, 5100, 5260, 5260C, 2605, 3705	Yes	Semi-annual	See below.
FW.7	5210, 5240, 2400, 5100, 5260, 5260C, 2605, 3705	No	N/A	N/A

**Condition FW.2**  
**Equip ID 2723**

**Reporting Frequency: Semi-Annually**

Lime Kiln production rates are shown below:

Month	Kiln Production (TPD)	12- Month Rolling Avg. (TPD)
January-18	329	357
February-18	366	356
March-18	363	360
April-18	378	368
May-18	225	356
June-18	364	350
July-18	395	355
August-18	404	359
September-18	382	360
October-18	379	364
November-18	365	362
December-18	386	361
January-19	363	364
February-19	355	363
March-19	362	363
April-19	362	362
May-19	375	374
June-19	119	354

The 12-month rolling sum for lime kiln operation did not exceed the 465-ton per day limit during the reporting period.

**New-Indy Catawba LLC  
2019 Second Quarter CEM Report Summaries**

**Condition FW.4**

**Equip IDs 1300, 2000, 2005, 4600, 4605, 4100, 4110,  
9700, 9701A, 9701B, 9702, 9703, 9704, 2000, 4610,  
4120, 4130, 9900, 2515, 2520, 5115, 5120, 2700,  
2701, 2702, 2703, 2550, 2902,  
2903, 2904, 2905, 2900, & 1100**

**Reporting Frequency: Semi-Annually**

Visual emissions inspections were conducted on the sources listed below and the frequencies indicated. There were no incidences of abnormal VE results during the semi-annual reporting period.

**Condition FW.5(A1)**

**Equip ID 5260C**

**Reporting Frequency: Semi-Annually**

Records of liquid flow and liquid pH are maintained. There were no incidences of variances from established parameters during the reporting period.

**Condition FW.5(A2)**

**Equip IDs 5210, 5240, 2400, 5100,  
5260, 5260C, 2605, & 3705**

**Reporting Frequency: Semi-Annually**

Records of the combination boiler that is combusting NCG streams, the daily bark fired in each combination boiler, and the daily Kraft pulp production are maintained. The daily bark/Kraft pulp production ratio and the 30-day rolling average ratio are calculated. There were no incidences of variances from the minimum level during the reporting period.

**Condition FW.5(C)**

**Equip IDs 5210, 5240, 2400, 5100,  
5260, 5260C, 2605, & 3705**

**Reporting Frequency: Semi-Annually**

Records of monthly and 12-month rolling sums of SO<sub>2</sub> emissions are maintained. There were no incidences of monthly 12-month sums above the annual SO<sub>2</sub> PSD BACT limit during the reporting period.

**Condition FW.6**

**Equip IDs 5210, 5240, 2400, 5100,  
5260, 5260C, 2605, & 3705**

**Reporting Frequency: Semi-Annually**

Records of monthly and 12-month rolling average of unbleached pulp production are maintained. There were no incidences of rolling 12-month averages above the production limit during the reporting period.

**New-Indy Catawba LLC**  
**2019 Second Quarter CEM Report Summaries**

**Conditions for MACT Affected Sources**

<b>Condition</b>	<b>Equip ID</b>	<b>Reporting Required?</b>	<b>Reporting Frequency</b>	<b>Comment</b>
MACT.1(C)	5210, 5220, 5230, 5240, 5250, 2400, 2500, 5100, 2605, & 3705	Yes	Semi-annual	See below.
MACT.2(A)	5210, 5220, 2400, 2500, 5100, 9800, & 9801	Yes	Semi-annual	See below.
MACT.3(A)	5300	Yes	Semi-annual	See below.
MACT.4	5210, 5220, 5230, 5240, 5250, 5300, 2400, 2500, 5100, 2605, 3705, 9800, & 9801	No	N/A	N/A
MACT.5(A1)	2505C, 5105C, 2723	No	N/A	N/A
MACT.5(A2)	2505, 2723, & 5105	Yes	Quarterly or semi-annual	See below.
MACT.5(B1)	5211C	Yes	Quarterly	See below.
MACT.5(B2)	2510 & 5110	No	N/A	N/A
MACT.5(C)	2505, 2723, 5105, 2510 & 5110	Yes	Quarterly or semi-annual	See below.
MACT.5(D)	2505, 2723, 5105, 2510 & 5110	No	N/A	N/A
MACT.6	2010 & 4610	Yes	Semi-annual	See below.
MACT.7	5210, 5220, 5230, 5240, 5250, 5300, 2400, 2500, 2505, 2510, 2723, 5100, 5105, 5110, 9800, & 9801	No	N/A	N/A
MACT.8, MACT.9, & MACT.10	5210, 5220, 5230, 5240, 5250, 5300, 2400, 2500, 2505, 2510, 2723, 5100, 5105, 5110, 2605, 3705, 9800, & 9801	No	N/A	N/A

**Condition MACT.1(C)**

**Equip IDs 5210, 5220, 5230, 5240, 5250  
2400, 2500, 5100, 2605, & 3705**

**Reporting Frequency: Semi-Annually**

Excess emissions and CMS downtime were less than 1% and 5% respectively for all systems. See the attached MACT I report for details.

**New-Indy Catawba LLC  
2019 Second Quarter CEM Report Summaries**

**Condition MACT.2(A)**

**Equip IDs 5210, 5220, 2400, 2500,  
5100, 9800, & 9801**

**Reporting Frequency: Semi-Annually**

Excess emissions and CMS downtime were less than 1% and 5% respectively for all systems. See the attached MACT I report for details.

**Condition MACT.3(A)**

**Equip ID 5300**

**Reporting Frequency: Semi-Annually**

Excess emissions and CMS downtime were less than 1% and 5% respectively for all systems. See the attached MACT I report for details.

**Condition MACT.5(A2)**

**Equip IDs 2505, 2723, & 5105**

**Reporting Frequency: Quarterly**

The record of exceedances is provided in the attached MACT II report.

**Condition MACT.5(C)**

**Equip IDs 2510 & 5110**

**Reporting Frequency: Quarterly**

The record of exceedances is provided in the attached MACT II report.

**Condition MACT.6**

**Equip IDs 2010 & 4610**

**Reporting Frequency: Semi-Annually**

See the attached POWC MACT report.



New-Indy Catawba LLC  
P.O. Box 7  
5300 Cureton Ferry Road  
Catawba, SC 29704

## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

**Combination Boiler No. 1**

**Reporting Period 1/1/19 to 6/30/19**

**ID 2605**

**SIP**

Permit Conditions 5C.08.1(B), 5C.08.2(B), 5C.08.6, & 5C.08.7

This report is for incidents of excess opacity (reported in % opacity), opacity monitor downtime or repair, or permit condition exceptions.

Incident No.	Date	Start Time	% Opacity or ppm	Monitor (Check One)				EP Bypass Time	Nature and Cause of Incident	Corrective Action
				OPA	TRS	O2	Duration (Minutes)			
1	1/1/19	7:30 AM	-	x			830	830	Screw broke in EP hopper	Pulled bark, added gas, bypassed ESP, replaced screw
2	1/6/19	8:41 AM	-	x			109	109	Fire in hopper	Bypass EP, Extinguish fire, wash EP
3	1/8/19	2:45 PM	-	x			15		Reading high	Adjusted alignment
4	1/12/19	12:06 PM	46	x			6		Wet bark	Cut back on bark and air
5	1/13/19	3:54 AM	46	x			6		High mill load	Cut back on bark and air
6	1/20/19	8:08 PM	-	x			4552	4552	Lost ash screw	Pulled bark, put in gas, repaired ash screw, cleaned out ash build-up
1	2/13/19	8:06 AM	80	x			24		CB1 tripped	Started boiler back up
2	2/19/19	10:24 AM	66	x			6		RB3 tripped, put in oil and gas. Had a dirty oil gun	Cleaned oil gun
1	3/3/19	5:45 PM	-	x			210		Heavy rain and purge failure reflector side	Grounded wire feeding blower on reflector side, repaired
2	3/15/19	10:10 PM	-	x			15		Purge failure	Replaced filters
3	3/18/19	8:00 AM	-	x			252		Purge failure / excessive dust drift	Changed purge switches in reflector heads, cleaned all lenses, realigned, ran cal.
4	3/19/19	6:05 AM	-	x			175		Failed upscale span	Adjusted iris, ran normal cal.
5	3/21/19	10:00 PM	80	x			6		Sootblowing	Stopped sootblowing
6	3/30/19	2:12 AM	58	x			18		Wet bark	Changed woodyard bark supply
7	3/30/19	8:00 AM	-	x			15		Cleaned lens	Return monitor to service
8	3/31/19	6:06 AM	-	x			18		High zero drift on monitor	Ran calibration
1	4/1/19	12:00 AM	-	x			10		Alignment check	Checked alignment, cleaned lenses
2	4/16/19	6:30 PM	44	x			6		Wet bark	Loaded boiler with dryer bark from bark pile
3	4/20/19	6:00 AM	-	x			488	488	Fire in Hopper	Pulled bark, washed ESP, repaired holes in hopper
4	4/30/19	3:00 PM	-	x			1920	1920	Fields not loading up	Bypass EP, repaired fields
1	5/7/19	5:43 PM	-	x			1749	1749	Bypassed EP for field and rapper repairs	Pulled bark, added gas, conducted repairs
2	5/9/19	9:00 AM	-	x			10		Operators requested alignment	Aligned



New-Indy Catawba LLC  
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## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

**Combination Boiler No. 1**

**Reporting Period 1/1/19 to 6/30/19**

**ID 2605**

**SIP**

Permit Conditions 5C.08.1(B), 5C.08.2(B), 5C.08.6, & 5C.08.7

This report is for incidents of excess opacity (reported in % opacity), opacity monitor downtime or repair, or permit condition exceptions.

Incident No.	Date	Start Time	% Opacity or ppm	Monitor (Check One)				EP Bypass Time	Nature and Cause of Incident	Corrective Action
				OPA	TRS	O2	Duration (Minutes)			
3	5/16/19	5:24 PM	-	x			84	84	Fire in Hopper	Pulled bark, washed EP
1	6/13/19	8:30 AM	-	x			105		Quarterly PM	Completed PM

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Charles Cleveland Technical Services Manager

Signature: \_\_\_\_\_





New-Indy Catawba LLC  
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## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

Combination Boiler No. 2

Reporting Period 1/1/19 to 6/30/19

ID 2605

SIP

Permit Conditions 5C.08.1(B), 5C.08.2(B), 5C.08.6, & 5C.08.7

This report is for incidents of excess opacity (reported in % opacity), opacity monitor downtime or repair, or permit condition exceptions.

Incident No.	Date	Start Time	% Opacity or ppm	Monitor (Check One)				EP Bypass Time	Nature and Cause of Incident	Corrective Action
				OPA	TRS	O2	Duration (Minutes)			
1	1/6/19	10:00 PM	43	x			6		Wet bark	Cut bark, cut air
2	1/6/19	11:48 PM	45	x			6		Wet bark	Cut bark, cut air
3	1/7/19	2:00 AM	42	x			6		High mill load, wet bark	Cut bark, cut air
4	1/7/19	2:12 AM	41	x			6		High mill load, wet bark	Cut bark, cut air
5	1/7/19	6:12 AM	49	x			6		High mill load, wet bark	Cut bark, cut air
6	1/8/19	6:00 PM	-	x			20		Reading high	Adjusted alignment, cleaned lens
7	1/8/19	2:30 PM	73	x			6		High winds	Reduced bark feed
8	1/8/19	2:48 PM	49	x			6		High winds	Reduced bark feed
9	1/8/19	6:30 PM	43	x			6		Inlet and outlet EP fields backed down	Reduced bark feed
10	1/9/19	9:40 AM	-	x			80	80	Fire in hopper	Pulled bark, bypassed EP, washed up EP
11	1/12/19	6:30 AM	41	x			6	6	High mill load, wet bark	Cut bark, cut air
12	1/12/19	8:20 PM	-	x			40		Dirty lens	Cleaned lens
13	1/12/19	11:24 PM	-	x			186	186	Fire in hopper	Pulled bark, bypassed EP, washed up EP
14	1/13/19	12:12 AM	68	x			6		Wet Bark	Cut back, cut air
15	1/13/19	3:54 AM	42	x			6		Wet Bark	Cut back, cut air
16	1/13/19	10:00 AM	47	x			24		Wet Bark	Cut back, cut air
17	1/13/19	10:54 AM	43	x			6		Wet Bark	Cut back, cut air
18	1/14/19	10:06 AM	57	x			18		RB 2 tripped offline. Steam header swung.	Cut bark, cut air
19	1/15/19	7:36 PM	68	x			6		TR2 tripped	Reset fields, cut back on air and bark
20	1/15/19	8:42 PM	80	x			6		TR1 and TR3 tripped	Reset fields, cut back on air and bark
21	1/16/19	1:54 AM	78	x			6		Unknown	Unknown
22	1/25/19	12:34 PM	-	x			641	641	EP ash collection screw broke	Pulled bark, bypassed EP, repaired screw
23	1/28/19	12:00 AM	59	x			6		Unknown	Opacity spiked, then returned to normal
24	1/28/19	6:00 PM	53	x			6		Unknown	Opacity spiked, then returned to normal
1	2/1/19	1:42 PM	47	x			6		Bark piled up on boiler grates	Cut back on bark, cleared grates
2	2/3/19	6:00 PM	49	x			6		Wet bark	Cut back on bark
3	2/4/19	7:54 PM	50	x			6		Wet bark	Cut back on bark
4	2/9/19	6:00 AM	43	x			6		Wet bark	Cut back on bark



**New-Indy Catawba LLC**  
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## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

## Combination Boiler No. 2

Reporting Period 1/1/19 to 6/30/19

ID 2605

**SIP**

Permit Conditions 5C.08.1(B), 5C.08.2(B), 5C.08.6, &amp; 5C.08.7

This report is for incidents of excess opacity (reported in % opacity), opacity monitor downtime or repair, or permit condition exceptions.

[illegible]



New-Indy Catawba LLC  
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## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

**Combination Boiler No. 2**

**Reporting Period 1/1/19 to 6/30/19**

**ID 2605**

**SIP**

Permit Conditions 5C.08.1(B), 5C.08.2(B), 5C.08.6, & 5C.08.7

This report is for incidents of excess opacity (reported in % opacity), opacity monitor downtime or repair, or permit condition exceptions.

Incident No.	Date	Start Time	% Opacity or ppm	Monitor (Check One)				EP Bypass Time	Nature and Cause of Incident	Corrective Action
				OPA	TRS	O2	Duration (Minutes)			
1	4/18/19	5:30 PM	80	x			12		EP Fields tripped out	Reset fields, checked rappers, pulled bark, added gas
2	4/22/19	9:20 AM	-	x			563	563	Bypassed EP to complete work on hopper rotary valve	Pulled bark and added gas
3	4/23/19	8:20 AM	-	x			25		Monitor alarm	Cleaned lens, replaced filters
4	4/26/19	1:14 AM	-	x			106	106	All fields in EP tripped, would not reset	Pulled bark, bypassed EP, reset EP and fields
5	4/30/19	8:18 AM	47	x			6		North inlet fields not loading	Reduced bark burning
1	5/6/19	11:30 AM	44	x			6		Air swing	Cut air and bark
2	5/6/19	12:18 PM	-	x			24		Opacity reading higher than expected	Cleaned and aligned lens
3	5/7/19	10:18 AM	-	x			66	66	Fire in hopper	Pulled bark, bypassed EP, added gas and fire water
4	5/7/19	1:30 PM	-	x			12		Tripped EP during wash up	Returned EP
5	5/9/19	11:30 PM	44	x			6		Blowing IK's (soot blowing)	Completed soot blowing
6	5/11/19	3:54 PM	78	x			6		Inlet and middle EP fields tripped	Reset fields,
7	5/25/19	9:48 AM	42	x			6		Blowing IK's (soot blowing)	Stopped blowing IK
8	5/28/19	8:12 PM	41	x			6		Blowing IK's (soot blowing)	Stopped blowing IK
1	6/13/19	8:30 AM	-	x			105		Quarterly PM	Completed PM
2	6/14/19	9:50 AM	-	x			5		Opacity reading higher than expected	Checked alignment
3	6/15/19	9:54 AM	53	x			6		Wet bark	Cut air and bark
4	6/16/19	8:54 AM	58	x			12		Excessive steam header swing	Cut fuel
5	6/21/19	12:36 PM	43	x			6		Unknown	Unknown
6	6/27/19	10:00 AM	-	x			10		Monitor alarm	Cleaned lens, re-aligned

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Charles Cleveland

Technical Services Manager

Signature: \_\_\_\_\_



**New-Indy Catawba LLC**  
**P.O. Box 7**  
**5300 Cureton Ferry Road**  
**Catawba, SC 29704**

## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

## Recovery Boiler No. 2

Reporting Period 1/1/19 to 6/30/19

ID 2505

TV

Permit Conditions 5.C.07.2(A), 5.C.14, &amp; MACT.5(A2)

This report is for incidents of excess opacity (reported in % opacity), opacity monitor downtime or repair, or permit condition exceptions.

[illegible]



New-Indy Catawba LLC  
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## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

Recovery Boiler No. 2

Reporting Period 1/1/19 to 6/30/19

ID 2505

TV

Permit Conditions 5.C.07.2(A), 5.C.14, & MACT.5(A2)

This report is for incidents of excess opacity (reported in % opacity), opacity monitor downtime or repair, or permit condition exceptions.

Incident No.	Date	Start Time	% Opacity or ppm	Monitor (Check One)				Nature and Cause of Incident	Corrective Action
				OPA	TRS	O2	Duration (Minutes)		
1	6/12/2019	9:30 AM	-	x			150	Quarterly PM and audit	Complete PM, return monitor to service

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Charles Cleveland Technical Services Manager

Signature: \_\_\_\_\_



New-Indy Catawba LLC  
P.O. Box 7  
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Catawba, SC 29704

## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

Recovery Boiler No. 3

Reporting Period 1/1/19 to 6/30/19

ID 5105

NSPS

Permit Conditions 5.C.07.3, 5.C.07.12, 5.C.15, & MACT.5(A2)

This report is for incidents of excess opacity (reported in % opacity), opacity monitor downtime or repair, or permit condition exceptions.

Incident No.	Date	Start Time	% Opacity or ppm	Monitor (Check One)				Nature and Cause of Incident	Corrective Action
				OPA	TRS	O2	Duration (Minutes)		
1	1/9/19	3:24 PM	37	x			6	East side EP collecting conveyor not working, too much salt build up	Pulled liquor and bypassed east side
2	1/9/19	4:06 PM	37	x			6	East side EP collecting conveyor not working, too much salt build up	Pulled liquor and bypassed east side
3	1/9/19	10:00 PM	-	x			30	Out of alignment	Realigned
4	1/28/19	9:45 AM	-	x			30	Purge fail alarm	Replaced purge filters, realigned and changed purge switches
1	2/25/19	4:54 AM	> 20%	x			90	Broke chain in east side of EP	Pulled liquor and bypassed east side
2	2/25/19	5:48 AM	41	x			6	Broke chain in east side of EP	Pulled liquor and bypassed east side
1	3/20/19	7:00 PM	-	x			15	Quarterly audit	Complete audit, return unit to service
2	3/26/19	10:15 AM	-	x			15	Checking alignment	Alignment OK
1	4/15/19	1:45 PM	-	x			20	Purge switch failed	Replaced switch and aligned head
1	5/21/19	8:18 AM	Avg>20%	x			54	4 Rappers on ESP not working	Cut back on air, repaired rappers
1	6/16/19	7:36 PM	44	x			6	Boiler startup from maintenance outage	Stabilize operations
2	6/17/19	1:00 AM	-	x			10	Startup from extended outage, Boiler on ignitors, no liquor in boiler	Monitor out of alignment, align monitor
3	6/18/19	1:30 AM	46	x			6	EP fields not loading up, drag chain down	Cut back on air
4	6/18/19	12:48 AM	Avg>20%	x			114	Working on drag chain	Cut back on air
5	6/18/19	2:06 AM	Avg>20%	x			78	Working on drag chain	Cut back on air
6	6/18/19	8:54 AM	48	x			30	Working on drag chain	Cut back on air
7	6/18/19	8:00 AM	Avg>20%	x			150	Working on drag chain	Cut back on air
8	6/18/19	9:30 AM	-	x			15	Checking monitor alignment	Alignment ok



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## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

**Recovery Boiler No. 3**

**Reporting Period 1/1/19 to 6/30/19**

**ID 5105**

**NSPS**

Permit Conditions 5.C.07.3, 5.C.07.12, 5.C.15, & MACT.5(A2)

This report is for incidents of excess opacity (reported in % opacity), opacity monitor downtime or repair, or permit condition exceptions.

Incident No.	Date	Start Time	% Opacity or ppm	Monitor (Check One)				Nature and Cause of Incident	Corrective Action
				OPA	TRS	O2	Duration (Minutes)		
9	6/18/19	10:42 AM	38	x			6	Working on drag chain	Cut back on air
10	6/18/19	10:00 AM	Avg>20%	x			66	Working on drag chain	Cut back on air

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Charles Cleveland Technical Services Manager

Signature: \_\_\_\_\_



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## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

**Recovery Boiler No. 2**

**Reporting Period 1/1/19 to 6/30/19**

**ID 2505**

**SIP**

Permit Condition 5.C.07.14

This report is for indicated excessive TRS (reported in ppm), monitor downtime or repair (including O2 monitor), or permit condition exceptions.

Incident No.	Date	Start Time	% Opacity or ppm	Monitor (Check One)				Nature and Cause of Incident	Corrective Action
				OPA	TRS	O2	Duration (Minutes)		
1	1/5/19	5:30 PM	-		x		35	Checking monitor	Ran initial cal.
2	1/8/19	2:00 AM	-		x		180	Lost data from monitor	Reestablished connection from monitor
3	1/21/19	8:00 AM	-		x		75	Failed daily cal, O2 span drift	Adjusted citi cell, ran manual and normal cal.
There were no excursion events or downtime during the month of February 2019.									
1	3/16/19	8:40 AM	-		x		70	Failed daily cal, O2 span drift	Adjusted citi cell, ran manual and normal cal.
2	3/20/19	10:54 AM	-		x		495	Quarterly service	Rebuilt pumps, changed beads, replaced o-rings
3	3/22/19	9:20 AM	-		x		60	Low cal gas pressure	Changed cal gas bottle, ran calibration
4	3/28/19	8:20 AM	-		x		340	High O2 cal span	Replaced Citi cell, ran calibration
1	4/26/19	12:15 PM	-		x		165	Sample being diluted causing O2 to read high. Citi cell had no adjustment left.	Changed citi cell and ran man. Cal.
2	4/28/19	9:00 PM	-		x		825	O2 reading high, would not span TRS; loose hose in probe box at stack.	Reconnected hose, ran man. And normal cal
1	5/2/19	3:00 PM	-		x		630	O2 reading high, found broken hose to citi cell in probe box at stack.	Repair hose.
1	6/9/19	1:45 PM	-		x		570	Failed morning cal, O2 would not zero. Purge for TE cooler not working, water in TE cooler. Air leak in probe box	Changed O-ring and citi-cell, changed dump valve on bottom of TE cooler, changed RTD on probe heater, ran cal.

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Charles Cleveland Technical Services Manager

Signature: \_\_\_\_\_





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## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

**Recovery Boiler No. 3**

**Reporting Period 1/1/19 to 6/30/19**

**ID 5105**

**NSPS**

Permit Condition 5.C.07.15

This report is for indicated excessive TRS (reported in ppm), monitor downtime or repair (including O2 monitor), or permit condition exceptions.

Incident No.	Date	Start Time	% Opacity or ppm	Monitor (Check One)				Nature and Cause of Incident	Corrective Action
				OPA	TRS	O2	Duration (Minutes)		
There were no excursion events or downtime during the month of January 2019.									
1	2/14/19	12:30 AM	-		x		900	Following RB startup, TRS reading erratic	Changed TRS gas bottle, change solenoid, found water in scrubber tower, replaced scrubber tower beads, adjusted Citi cell, cleaned eductor
2	2/15/19	9:45 AM	-		x		65	High span drift	Reset TRS span range, Ran normal calibration
1	3/20/19	7:00 PM	-		x		120	Quarterly service	Rebuilt pumps, changed beads, replaced o-rings
2	3/22/19	12:00 AM	9		x		720	High TRS, low O2 in furnace	Cut liquor feed, increased tertiary air, raised liquor temperature
3	3/22/19	9:20 AM	-		x		60	Low cal gas bottle pressure	Changed cal gas bottle, ran calibration
There were no excursion events or downtime during the month of April 2019.									
1	5/20/19	12:55 PM	-		x		60	TRS cal bottle low	Changed cal gas bottle, ran calibration
1	6/17/19	12:49 AM	-		x		196	Probe alarm	Replaced temp. controller, ran calibration
2	6/18/19	7:30 AM	-		x		150	High TRS zero span	Adjusted citi cell, ran normal calibration

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Charles Cleveland Technical Services Manager

Signature: \_\_\_\_\_



New-Indy Catawba LLC  
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## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

**Recovery Boiler No. 3**

**Reporting Period 1/1/19 to 6/30/19**

**ID 5105**

**NSPS**

Permit Condition 5.C.07.12(B)

This report is for indicated excessive NOx (reported in ppm), monitor downtime or repair (including O2 monitor), or permit condition exceptions.

Incident No.	Date	Start Time	% Opacity or ppm	Monitor (Check One)				Nature and Cause of Incident	Corrective Action
				OPA	NOx	O2	Duration (Minutes)		
There were no excursion events or downtime during the month of January 2019.									
1	2/14/19	12:30 AM	-		x		900	Following RB startup, TRS reading erratic	Changed TRS gas bottle, change solenoid, found water in scrubber tower, replaced scrubber tower beads, adjusted Citi cell, cleaned eductor
2	2/15/19	9:45 AM	-		x		65	High span drift	Reset TRS span range, Ran normal calibration
1	3/20/19	7:00 PM	-		x		120	Quarterly service	Rebuilt pumps, changed beads, replaced o-rings
2	3/22/19	9:20 AM	-		x		60	Low cal gas bottle pressure	Changed cal gas bottle, ran calibration
There were no excursion events or downtime during the month of April 2019.									
1	5/20/19	12:55 PM	-		x		60	TRS cal bottle low	Changed cal gas bottle, ran calibration
1	6/17/19	12:49 AM	-		x		196	Probe alarm	Replaced temp. controller, ran calibration
2	6/18/19	7:30 AM	-		x		150	High TRS zero span	Adjusted citi cell, ran normal calibration

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Charles Cleveland Technical Services Manager

Signature: \_\_\_\_\_



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## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

**Lime Kiln No. 2**

**Reporting Period 1/1/19 to 6/30/19**

**ID 2723**

**NSPS**

Permit Conditions 5.C.07.17(A)

This report is for indicated excessive TRS (reported in ppm), monitor downtime or repair (including O2 monitor), or permit condition exceptions.

Incident No.	Date	Start Time	% Opacity or ppm	Monitor (Check One)				Nature and Cause of Incident	Corrective Action
				OPA	TRS	O2	Duration (Minutes)		
1	1/18/19	6:45 AM	-		x		20	TRS span high	Ran normal cal.
2	1/20/19	11:30 PM	-		x		100	TRS Reading high	Replaced scrubber beads and activated charcoal, ran initial cal.
3	1/30/19	7:30 AM	-		x		840	TRS failed morning cal., TRS Span drift bad	Replaced probe heater and eductor orifice
There were no excursion events or downtime during the month of February 2019.									
1	3/7/19	8:30 AM	-		x		150	Thermal oxidizer temp low.	Changed heater and ran cal.
2	3/21/19	9:15 AM	-		x		508	Quarterly service	Rebuilt pumps, changed beads, replaced O-rings, replaced heat exchanger
1	4/6/19	12:45 PM	-		x		55	TE cooler malfunction	Replaced TE cooler, ran calibration
1	5/12/19	7:50 AM	-		x		55	O2 span high during daily calibration	Adjusted Citi cell, ran normal calibration
1	6/20/19	2:40 AM	-		x		35	TRS spiking	Ran normal cal.
2	6/20/19	10:10 AM	-		x		143	TRS spiking	Spanned zero and test gas. Ran cal.

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Charles Cleveland Technical Services Manager

Signature: \_\_\_\_\_



New-Indy Catawba LLC  
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Catawba, SC 29704

## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

**Lime Kiln No. 2**

**Reporting Period 1/1/19 to 6/30/19**

**ID 2723**

**TV**

Permit Conditions 5.C.07.2(A), 5.C.07.12(B), 5.C.17(A), & MACT.5(A2)

This report is for incidents of excess opacity (reported in % opacity), opacity monitor downtime or repair, or permit condition exceptions.

Incident No.	Date	Start Time	% Opacity or ppm	Monitor (Check One)				Nature and Cause of Incident	Corrective Action
				OPA	TRS	O2	Duration (Minutes)		
1	1/24/19	12:36 AM	-	x			36	Rain storm, mud in lense path	Cleaned mud from piping
2	1/24/19	4:36 AM	22	x			6	EP tripped	Put air back on kiln
3	1/24/19	5:48 AM	23	x			12	O2 gas analyzer failed, tripped EP	Calibrated O2 gas analyzer
1	2/13/19	2:42 AM	24	x			6	Lost fire in kiln, started purge	Put fire back on kiln
2	2/13/19	3:42 AM	26	x			6	Lost fire in kiln, started purge	Put fire back on kiln
3	2/13/19	9:06 AM	21	x			12	Kiln shutdown	Started up kiln
4	2/27/19	3:06 AM	75	x			18	Kiln start up	Completed start up
1	3/4/19	10:48 AM	72	x			12	Kiln start up	Slowed main drive, completed start up
2	3/7/19	12:30 PM	-	x			18	Replaced monitor read out screen	Completed replacement
3	3/12/19	11:30 PM	42	x			6	Kiln start up	Stabilize kiln operation
4	3/13/19	12:06 AM	37	x			12	Lost fire in kiln during start up, LEL triggered	Heated kiln back up
5	3/20/19	11:12 AM	79	x			6	O2 gas analyzer failed, tripped EP	Added air; calibrated O2 gas analyzer, bypassed system
6	3/22/19	8:40 AM	-	x			165	Quarterly audit	Complete audit
7	3/23/19	6:50 AM	-	x			65	Monitor failed daily cal	Ran manual cal.
1	4/3/19	6:06 PM	51	x			30	Kiln start up, no mud on kiln	Initiated ID fan and started gas burner
2	4/18/19	6:42 AM	22	x			6	Kiln start up, no mud on kiln	Completed start up
There were no excursion events or downtime during the month of May 2019.									
1	6/14/19	10:42 PM	28	x			12	Kiln start up, no mud on kiln	Initiated ID fan and started gas burner

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Charles Cleveland Technical Services Manager

Signature: \_\_\_\_\_



New-Indy Catawba LLC  
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## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

### High Volume Low Concentration Gas System

Reporting Period 1/1/19 to 6/30/19

ID 2605, ID 3705

SIP, NSPS

Permit Conditions 5.C.08.1(B), 5.C.08.2(B1), 5.C.08.7, & MACT.1(C)

This report is for indicated emissions from the fiberline, pulp washing systems, oxygen delignification, and screening/knotting systems exceeding 5 minutes duration, or permit condition exceptions.

Incident No.	Date	Start Time	HVLC System Leg	Duration (Minutes)	Nature and Cause of Incident	Corrective Action
1	1/15/2019	10:32 AM	PH: HVLC	7	Steam header swing	Stabilized pressure, returned gases
2	1/15/2019	10:39 AM	PH: HVLC	27	Steam header swing	Stabilized pressure, returned gases
3	1/15/2019	8:43 PM	PH: HVLC	7	Steam header swing	Stabalized pressure, returned gases
4	1/24/2019	12:50 PM	FL: HVLC	19	High temp on chip bin	Cooled off chip bin
There were no excursion events or downtime during the month of February 2019.						
1	3/21/2019	9:59 PM	PH: HVLC	7	Shutting down boiler for annual shut, Steam header swing	Stabilized header
There were no excursion events or downtime during the month of April 2019.						
1	5/8/2019	7:43 PM	PH: HVLC	16	Fuel tripped on no. 2 CB, Vent valve would not close	Re-established fire in boiler, Technician in field stroked valve.
1	6/19/2019	2:43 AM	PH: HVLC	16	Switching from CB 2 to CB 1, low flow, system vented	Re-established flow

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Charles Cleveland Technical Services Manager

Signature: \_\_\_\_\_



New-Indy Catawba LLC  
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## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

### Low Volume High Concentration Gas System

Reporting Period 1/1/19 to 6/30/19

ID 2605, ID 3705

SIP, NSPS

Permit Conditions 5.C.08.1(B), 5.C.08.2(B1), 5.C.08.7, & MACT.1(C)

This report is for indicated emissions from the digester and/or multiple effect evaporator systems exceeding 5 minutes duration, or permit condition exceptions.

Incident No.	Date	Start Time	LVHC System Leg	Duration (Minutes)	Nature and Cause of Incident	Corrective Action
1	1/12/2019	8:06 AM	LVHC	16	150# header swing, PRVS did not open fast enough	Changed turbine extraction and PRV set up
2	1/12/2019	12:53 PM	LVHC	25	Header pressure low: plug under hog and ran out of bark on both CB's.	Put gas in as able, unplugged hopper and got bark back in boilers.
3	1/14/2019	11:58 AM	LVHC	6	Recovery Boiler tripped offline. Steam header swung.	Stabilize header. Return LVHC to burner.
4	1/16/2019	9:11 AM	LVHC	10	Transfer gas from CB 1 to CB 2	System would not transfer, return gas to CB 1
5	1/16/2019	1:56 PM	LVHC	11	Transfer gas from CB 1 to CB 2	Returned gas to CB 1, replaced fuse in PLC block
6	1/20/2019	6:39 AM	LVHC	12	Blown fuse	Replaced fuse
There were no excursion events or downtime during the month of February 2019.						
1	3/2/2019	5:14 AM	LVHC - evap 3	17	Unknown	Unknown
There were no excursion events or downtime during the month of April 2019.						
1	5/9/2019	3:10 PM	LVHC - PH	8	Bad solenoid valve	Replaced valve
2	5/19/2019	10:22 AM	LVHC - PH	349	Blown fuse and fire in cable tray for system	Shut down set of evaps, slowed down digester, replaced fuse, replaced cabling, forced collection points
3	5/19/2019	6:31 PM	LVHC - PH	7	System vented when forced collection points were returned to normal state	Completed return of forced points to normal state
1	6/10/2019	8:14 AM	LVHC - PH	8	System vented during start up from annual outage	Returned gases
2	6/10/2019	8:22 AM	LVHC - Evap2	7	System vented during start up from annual outage	Returned gases
3	6/11/2019	1:33 PM	LVHC - PH	51	Tripped due to low steam flow on CB2	Igniter would not go back in, called maint. To repair and returned gases
4	6/13/2019	7:46 PM	LVHC - PH	14	Header swing from mill start-up	Stabilized header, returned gases
5	6/14/2019	12:13 AM	LVHC - Evap3	10	System vented during start up from annual outage	Returned gases
6	6/14/2019	12:19 AM	LVHC - Fiberline	7	System vented during start up from annual outage	Returned gases
7	6/15/2019	8:25 AM	LVHC - Fiberline	9	System vented during start up from annual outage	Returned gases



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## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

### Low Volume High Concentration Gas System

Reporting Period 1/1/19 to 6/30/19

**ID 2605, ID 3705**

**SIP, NSPS**

Permit Conditions 5.C.08.1(B), 5.C.08.2(B1), 5.C.08.7, & MACT.1(C)

This report is for indicated emissions from the digester and/or multiple effect evaporator systems exceeding 5 minutes duration, or permit condition exceptions.

Incident No.	Date	Start Time	LVHC System Leg	Duration (Minutes)	Nature and Cause of Incident	Corrective Action
8	6/15/2019	7:30 PM	LVHC - Fiberline	22	System vented during start up from annual outage	Returned gases
9	6/22/2019	5:43 AM	LVHC - Powerhouse	105	Bark bin plugged, low header pressure swing, LVHC burner tripped	Reset interlock, re-establish burner flame

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Charles Cleveland Technical Services Manager

Signature: \_\_\_\_\_



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## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

### Smelt Dissolving Tank Vent Scrubber

Reporting Period 1/1/19 to 6/30/19

ID 2510, ID 5110

SIP, NSPS

Permit Conditions 5.C.07.2; 07.B.MACT.5

This report is for variations outside of surrogate monitoring parameters or permit exception conditions.

Incident No.	Date	Start Time	Parameter	Duration (Minutes)	Nature and Cause of Incident	Corrective Action
			Pump Pressure, Flow, delta P			
There were no excursion events or downtime during the month of January 2019.						
There were no excursion events or downtime during the month of February 2019.						
1	3/5/19	12:00 AM	Weak Wash Flow	180	Plugged line to blower	Unplugged line, returned flow
There were no excursion events or downtime during the month of April 2019.						
There were no excursion events or downtime during the month of May 2019.						
There were no excursion events or downtime during the month of June 2019.						

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Charles Cleveland Technical Services Manager

Signature: \_\_\_\_\_





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## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

### Kraft Process - Bleach Plant Scrubber

Reporting Period 1/1/19 to 6/30/19

ID 5300C

TV

Permit Conditions: 5.C.03.1 & MACT.3(A)

This report is for variations outside of surrogate monitoring parameters or permit condition exceptions.

Incident No.	Date	Start Time	% Opacity or ppm	Monitor (Check One)				Nature and Cause of Incident	Corrective Action
				OPA	TRS	O2	Duration (Minutes)		
There were no excursion events or downtime during the month of January 2019.									
There were no excursion events or downtime during the month of February 2019.									
There were no excursion events or downtime during the month of March 2019.									
There were no excursion events or downtime during the month of April 2019.									
There were no excursion events or downtime during the month of May 2019.									
There were no excursion events or downtime during the month of June 2019.									

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Charles Cleveland Technical Services Manager

Signature: \_\_\_\_\_



New-Indy Catawba LLC  
P.O. Box 7  
5300 Cureton Ferry Road  
Catawba, SC 29704

## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

### Chlorine Dioxide Scrubber

Reporting Period 1/1/19 to 6/30/19

ID 1790

TV

Permit Condition: 04.1

This report is for variations outside of surrogate monitoring parameters or permit condition exceptions.

Incident No.	Date	Start Time	% Opacity or ppm	Monitor (Check One)				Nature and Cause of Incident	Corrective Action
				OPA	TRS	O2	Duration (Minutes)		
There were no excursion events or downtime during the month of January 2019.									
There were no excursion events or downtime during the month of February 2019.									
There were no excursion events or downtime during the month of March 2019.									
There were no excursion events or downtime during the month of April 2019.									
There were no excursion events or downtime during the month of May 2019.									
There were no excursion events or downtime during the month of June 2019.									

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Charles Cleveland Technical Services Manager

Signature: \_\_\_\_\_



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## CONTINUOUS EMISSION MONITOR SEMI-ANNUAL REPORT LOG

**Slaker Scrubber**

**Reporting Period 1/1/19 to 6/30/19**

**ID 2725C**

**TV**

Permit Condition: 07.9

This report is for variations outside of surrogate monitoring parameters or permit condition exceptions.

Incident No.	Date	Start Time	Parameter	Duration (Minutes)	Nature and Cause of Incident	Corrective Action
			Flow			
There were no excursion events or downtime during the month of January 2019.						
There were no excursion events or downtime during the month of February 2019.						
There were no excursion events or downtime during the month of March 2019.						
There were no excursion events or downtime during the month of April 2019.						
There were no excursion events or downtime during the month of May 2019.						
There were no excursion events or downtime during the month of June 2019.						

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Charles Cleveland Technical Services Manager

Signature: \_\_\_\_\_